

ABSTRACT

In order to be able to electric drives in very tight installation spaces, e.g. in propulsion vehicles or machine tools, an electric machine (1) is proposed having a stator and a rotor (28), with the laminations (2) of the stator have axial slots (4) and teeth (5, 6) extending between adjacent slots (4) in direction air gap. At least a predefined number of the teeth (6) is configured as a single-tooth winding (7), and at least one section (3) is provided in circumferential direction of the stator and is designed without slots but follows the contour of the stator bore (11) in the area of the air gap.